

Claims:

1. A transition rail for the connection of rails having different rail cross sections, characterized in that the  
5 transition rail (1) comprises two transition zones (a,c), wherein in a first transition zone (c) the larger-height cross-sectional profile is reshaped to transition into a smaller profile height and in the following, second transition zone (a) having the smaller profile height the rail foot is  
10 worked to match the new profile of the consecutive rail foot.
2. A transition rail according to claim 1, characterized in that the second transition zone (a) is arranged closer to the free end of the transition rail (1) than the first transition  
15 zone (c).
3. A transition rail according to claim 1 or 2, characterized in that a zone (b) of constant cross-sectional shape is arranged between the first transition zone (c) and the second  
20 transition zone (a).
4. A method for producing a transition rail according to claim 1, 2 or 3, characterized in that the transition rail is at first heated and introduced into a press mold, whereupon the  
25 rail is reshaped in the web region and pressed in the direction of the profile height, and that the rail foot is mechanically worked following complete reshaping.
- 30 5. A method according to claim 4, characterized in that the rail foot is machined.
- 35 6. A method according to claim 4 or 5, characterized in that the second transition zone of the rail foot, in which the width of the rail foot decreases, is designed to be rounded in top view.